

INTERNATIONAL SEARCH REPORT

Inter:

PCT

3421

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04L/06 H04L27/26 H04L25/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 56239 A (ZION HADAD COMM LTD ;HADAD ZION (IL)) 2 August 2001 (2001-08-02) page 20, paragraph 3 -page 21, paragraph 2 page 25 -page 27	1-18
X	EP 0 453 203 A (TELEBIT CORP) 23 October 1991 (1991-10-23) page 3, line 11 - line 36 page 4, line 58 page 5, line 39 - line 42	1-18



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

14 October 2002

Date of mailing of the international search report

21/10/2002

Name and mailing address of the ISA

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C.(Continuation) DOCU		ANALYST	BE RELEVANT
Category *	Citation of documents with indication where appropriate, of the relevant passages	Relevant to claim No.	
A	<p>LEE K F ET AL: "A space-frequency transmitter diversity technique for OFDM systems" PROCEEDINGS OF IEEE GLOBAL TELECOMMUNICATIONS CONFERENCE (CAT. NO.00CH37137), vol. 3 OF 3, 27 November 2000 (2000-11-27) - 1 December 2000 (2000-12-01), pages 1473-1477, XP002172509 New York, USA ISBN: 0-7803-6452-X cited in the application * page 1474 - page 1475; Section III *</p>	1-18	
A	<p>LI Y ET AL: "TRANSMITTER DIVERSITY FOR OFDM SYSTEMS AND ITS IMPACT ON HIGH-RATE DATA WIRELESS NETWORKS" IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS, IEEE INC. NEW YORK, US, vol. 17, no. 7, July 1999 (1999-07), pages 1233-1243, XP000834945 ISSN: 0733-8716 cited in the application page 1233, right-hand column, paragraph 5</p>	11	
A	<p>WO 98 19410 A (DISCOVISION ASS) 7 May 1998 (1998-05-07) page 34, line 13 -page 35, line 9 page 43, line 1 -page 44, line 15 page 45, line 37 -page 46, line 23; figure 48</p>	1-18	
A	<p>US 6 088 408 A (CALDERBANK ARTHUR R ET AL) 11 July 2000 (2000-07-11) cited in the application abstract</p>	1-18	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 02/08211

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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